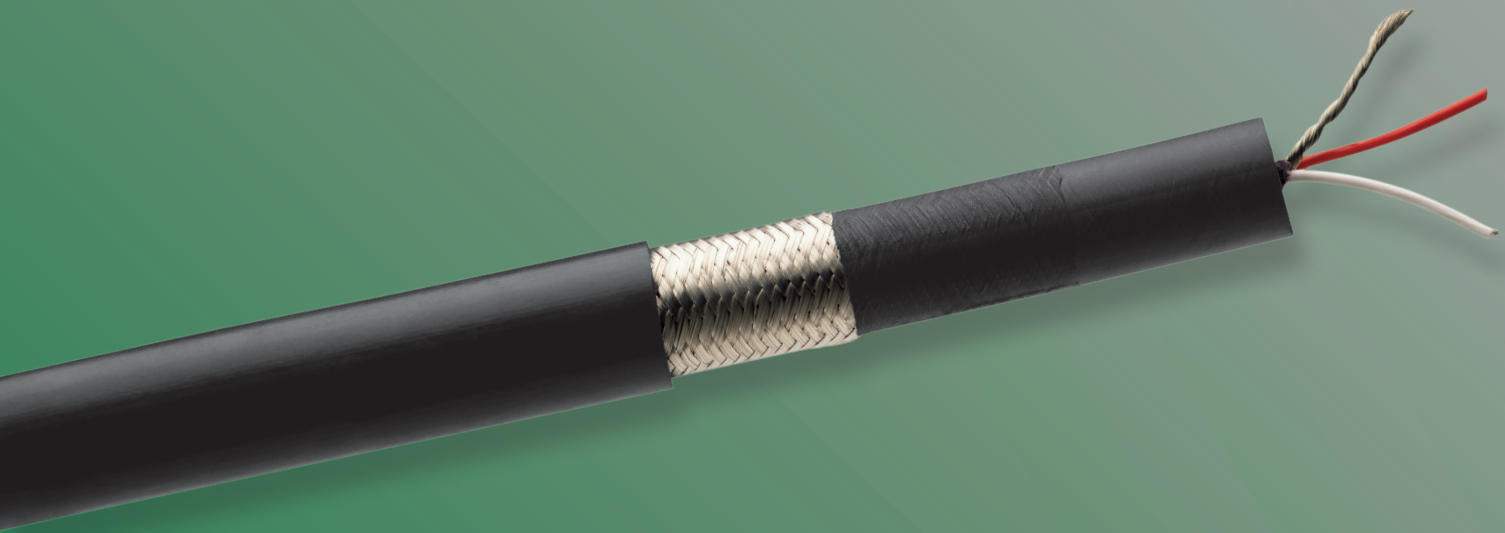


## N3-TYPE

160 kVDC rated High Voltage Cable



Highly flexible 3-conductor, 160 kVDC rated rubber insulated high voltage cable.

### FEATURES

- High flexibility.
- 95% shielding braid coverage.
- PVC jacket.
- RoHS & REACH compliant.

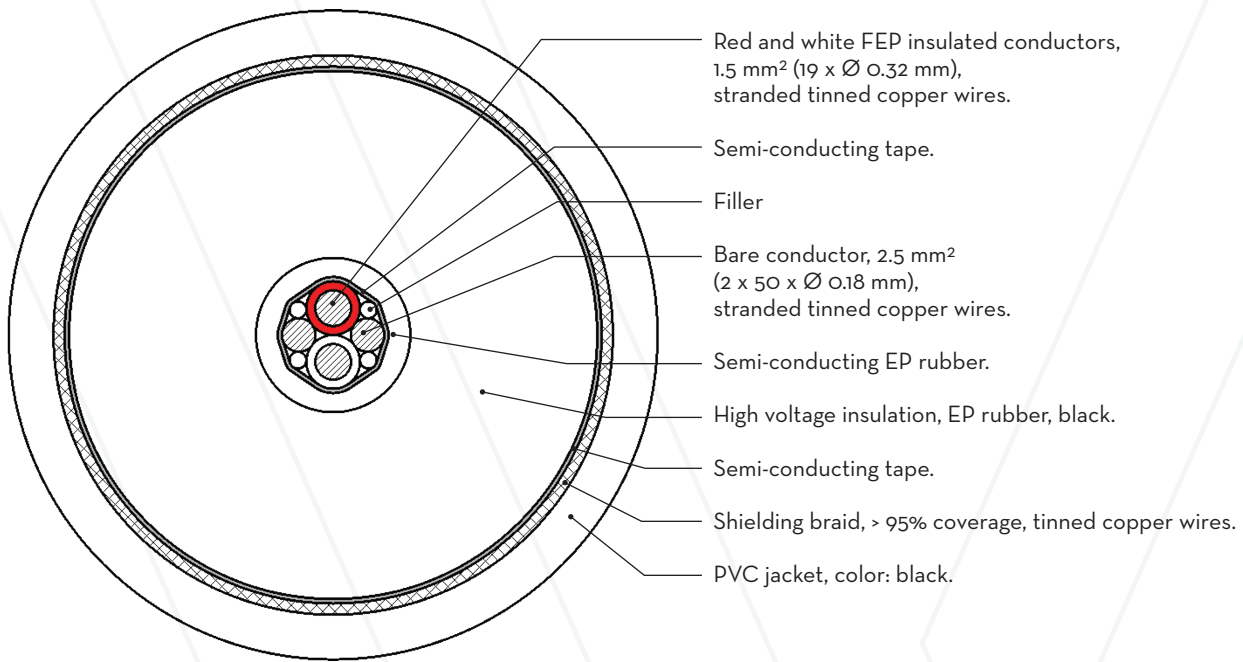
### DESCRIPTION

This 3-conductor, rubber insulated high voltage cable's typical applications are:

- Medical or industrial X-ray computed tomography equipment.
- Industrial and scientific X-ray or electron beam equipment.
- Low power, high voltage test and measuring equipment.

# CONSTRUCTION N3-TYPE CABLE

(Illustration is not to scale)



## Technical Specifications

Number of conductors .....	3
Rated voltage .....	160 kVDC
Routine test voltage (high voltage insulation) .....	220 kVDC / 10 min
Rated voltage (conductor insulation) .....	750 VACrms / 1000 VDC
Maximum conductor current .....	1.5 mm <sup>2</sup> : 15 A; 1.25 mm <sup>2</sup> : 14 A
Nominal outside diameter .....	29 mm ±1.0 mm / 1.142 in ±0.04 in
Insulation resistance core to shield @20°C .....	≥1x10 <sup>12</sup> Ω·m / ≥3x10 <sup>12</sup> Ω·ft
Conductor resistance bare conductor @20°C ...	7.7 mΩ/m / 2.2 mΩ/ft / ±10%
Conductor resistance insul. conductor @20°C ....	11.9 mΩ/m / 3.7 mΩ/ft / ±10%
Capacitance between conductors and shield .....	132 pF/m / 41 pF/ft / ±10%
Cable min. bending radius (static installation) .....	60 mm / 2.4 in
Cable min. bending radius (dynamic installation) .....	120 mm / 4.7 in
Operating temperature .....	-10/+100°C / +14/+212°F
Storage temperature .....	-40/+70°C / -40/+158°F
Net weight .....	1030 kg/km

## MORE INFORMATION

Varex Imaging Corporation is a leading innovator, designer and manufacturer of X-ray imaging components, which includes tubes, digital flat panel detectors and other image processing solutions, which are key components of X-ray imaging systems.

For more information, please contact a Varex Imaging sales representative in your territory. Contact details are available at [www.vareximaging.com/contact-information](http://www.vareximaging.com/contact-information).

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